Amendments to the Specification:

Replace the paragraph beginning on page 25, line 10 with the following rewritten paragraph:

Where Y is the luminance value, and RGB are the red, green, and blue signal values (block 502). This luminance image is then passed through a high-pass spatial frequency filter in order to create a high-pass luminance image (block 504). A typical finite impulse response (FIR) high-pass filter that could be used takes the form of the following ~~filter kernal~~ filter kernel: